

Message Text

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PAGE 01 MOSCOW 10698 151620Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-02 NAS-01 L-03 CIAE-00
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FM AMEMBASSY MOSCOW
TO SECSTATE WASHDC 1698

UNCLAS MOSCOW 10698

DEPT FOR OES/APT FOR MORRIS AND GREENBERG

E.O. 11652: N/A
TAGS: TGEN, UR, US
SUBJECT: US-USSR S&T AGREEMENT: CORROSION (01.13)

REF: 77 STATE 290543

1. EMBASSY RECEIVED FROM ACADEMY OF SCIENCES STYRIKOVICH-
STAEHLE LETTER CONCERNING COOPERATIVE CORROSION PROJECT
(01.13). ORIGINAL BEING POUCHED TO OES/APT/SEP FOR TRANS-
MITTAL TO DR. STAEHLE UNDER REGISTRY 1911742. INFORMAL
SCIENCE OFFICE TRANSLATION FOLLOWS.

2. "DEAR PROFESSOR STAEHLE:
FIRST OF ALL I WOULD LIKE TO POINT OUT THAT THE IDEA OF
ESTABLISHING THE BILATERAL US-USSR STANDING SEMINAR ON
PROBLEMS OF CORROSION OF ELEMENTS OF POWER EQUIPMENT UNDER
THE CONDITIONS OF HEAT-AND-MASS TRANSFER WAS WELCOMED BY
SOVIET SCIENTISTS. HOLDING SUCH SEMINARS WILL BE
USEFUL FOR BOTH SIDES.
FOLLOWING ARE MY REMARKS ON THE CONTENTS OF YOUR LETTER:
-IT WOULD BE BETTER TO TITLE THE SEMINAR "CORROSION IN
TWO-PHASE SYSTEMS (STEAM-WATER) AT HEAT AND MASS TRANSFER
CONDITIONS".

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- ON THE QUESTION OF THE ORGANIZATION OF THE STANDING
SEMINAR:
- I AGREE TO THE PROPOSED FREQUENCY (ONCE A YEAR) AND THE
SITE (THE USSR) FOR HOLDING THE FIRST SEMINAR, WITH THE
SUBSEQUENT ONE IN FALL OF 1979 IN THE USA. IT IS
ADVISABLE THAT THE FIRST SEMINAR BE HELD IN MOSCOW, NOT IN
LATE SEPTEMBER, BUT EARLY IN OCTOBER 1978.

- I AGREE FULLY WITH YOU ON POINTS 4, 5, 8.

- IT SEEMS TO ME THAT THE FOLLOWING SHOULD BE ADDED TO
POINT 7:

- A) "EQUILIBRIUM DISTRIBUTION OF IMPURITIES BETWEEN
STEAM AND WATER" INSTEAD OF "STEAM SOLUBILITY";

- B) DISTRIBUTION OF IMPURITIES BETWEEN THE BOUNDARY
LAYER OF THE LIQUID AND THE MAIN FLOW OF THE STEAM-WATER
MIX UNDER HEAT EXCHANGE CONDITIONS TYPICAL FOR POWER
EQUIPMENT (ESPECIALLY ATOMIC POWER PLANTS);

- C) IN THE LAST PHRASE, INSTEAD OF "TURBINE SURFACES",
WE SUGGEST PUTTING "TURBINE AND OTHER POWER PLANT EQUIP-
MENT SURFACES".

AS TO THE VISIT OF THE AMERICAN DELEGATION (IT SEEMS TO ME
THAT FOR THE FIRST VISIT THE DELEGATION SHOULD INCLUDE
ABOUT 10 MEMBERS) TO SCIENTIFIC INSTITUTIONS, IT IS
ADVISABLE THAT THE DELEGATION LIST BE AGREED ON BY THE
BEGINNING OF THE SEMINAR IN MOSCOW.

BEST REGARDS. SINCERELY, M. STYRIKOVICH." TOON

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NNN

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